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Patent Abstracts of Japan

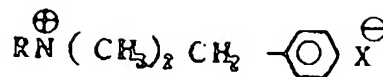
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I

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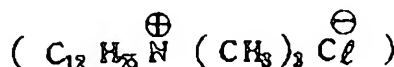
APPLICANT : NIPPON SYNTHETIC CHEM IND CO
 LTD:THE;



II

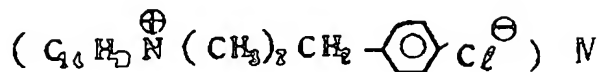
INVENTOR : KOTANI YASUO;

INT.CL. : A61K 31/19 A61K 31/14



III

TITLE : REMEDY FOR DERMATOMYCOSIS



ABSTRACT : PURPOSE: A remedy for dermatomycosis, containing a dehydroacetic acid and tri- methyl or benzyl surfactant as active constituents, having a synergistic antimicrobial activity, and used for pompholyx trichophytosis, etc.

CONSTITUTION: A remedy for dermatomycosis containing at least one of dehydro- acetic acid or a salt thereof, e.g. sodium dehydroacetate or potassium dehydroacetate, and trimethyl or benzyl cationic surfactant expressed by formulalor II (R is alkyl; X is halogen), e.g. dodecyltrimethylammonium chloride expressed by formula III or tetradecyldimethylbenzylammonium expressed by formula IV. The remedy has a high effect when R is about 8-20 carbon atoms. The remedy containing 70wt% or more, preferably 90-99.99wt%, dehydroacetic acid has a great synergistic effect of the two constituents. The remedy is brought into contact with the affected part of dermatomycosis in the form of a solution, ointment, etc. by any means of spraying, dipping, coating, etc.

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